

FIG. 1

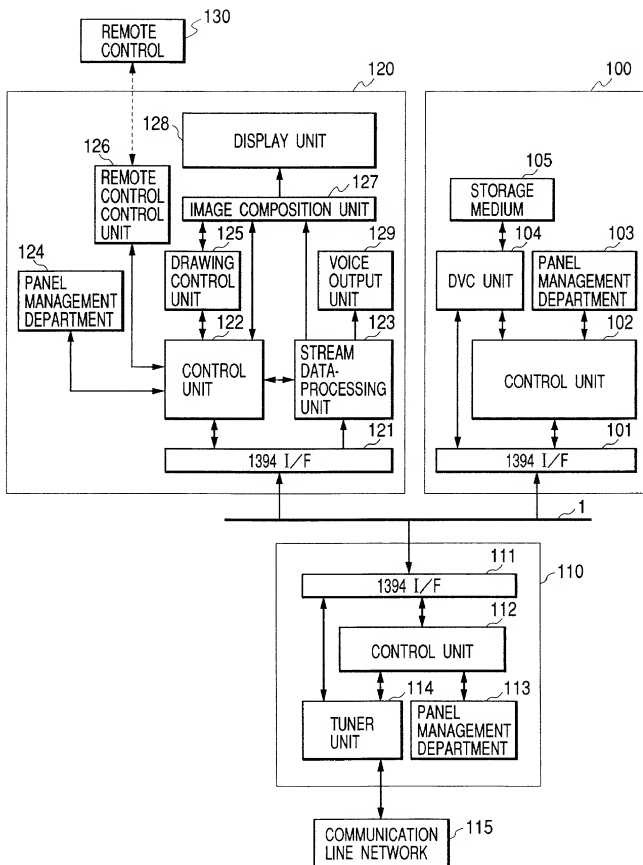


FIG. 2

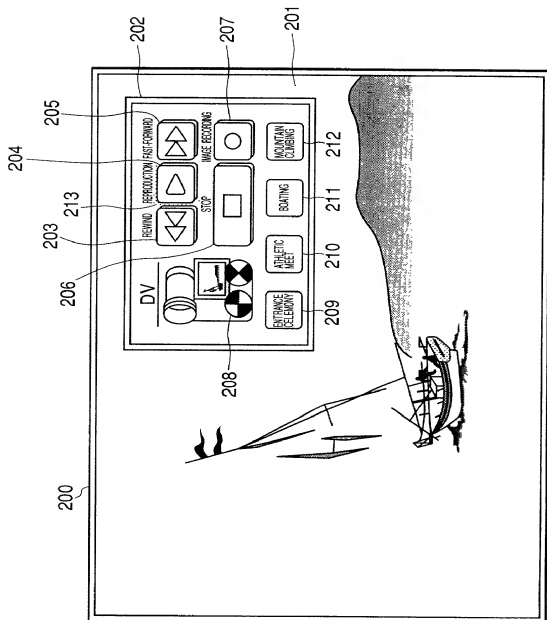


FIG. 3

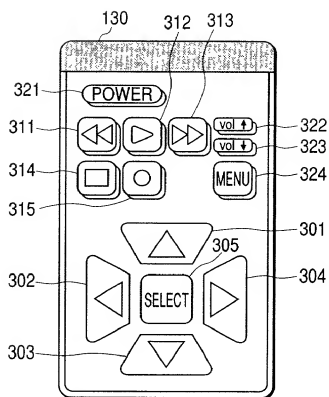
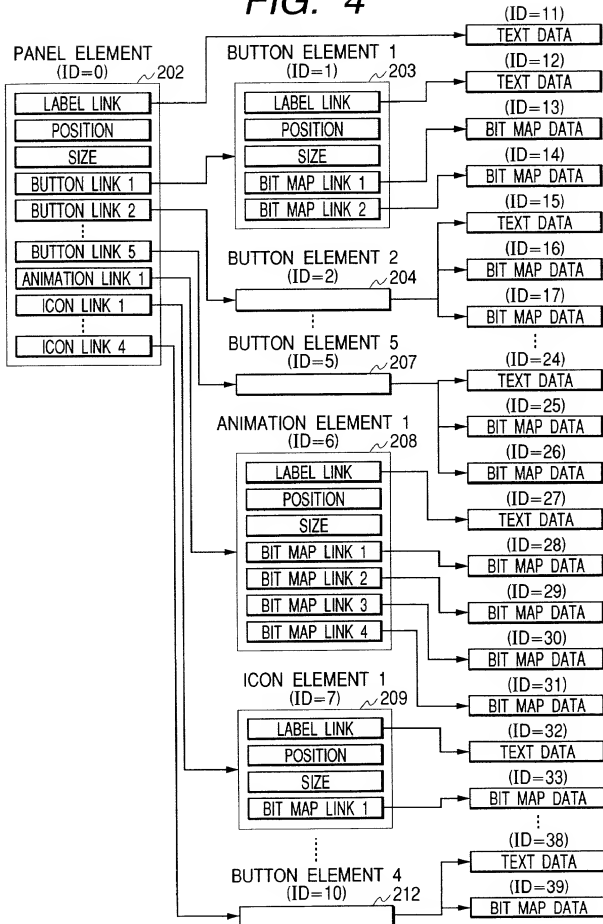


FIG. 4



[illegible]

ADDRESS OFFSET	VALUE	CONTENTS		
00h	80h	ELEMENT TYPE (PANEL)		
01h	00h			
02h	00h			
03h	00h			
04h	00h			
05h	00h	ELEMENT ID (ID=0)		
06h	00h			
07h	52h			
08h	80h			
09h	0Ah			
0Ah	00h	LABEL LINK	DATA TYPE (TEXT)	
0Bh	05h		ELEMENT ID (ID=11)	
0Ch	01h	POSITION	THE NUMBER OF POSITION DESIGNATIONS	
0Dh	00h		X-COORDINATE 0	
0Eh	04h		Y-COORDINATE 0	
0Fh	00h		SYSTEM-OF-COORDINATES DESIGNATION 0	
10h	04h			
11h	00h	SIZE	WIDTH	
12h	01h		HEIGHT	
13h	68h		BUTTON LINK 1	ELEMENT TYPE (BUTTON)
14h	00h			ELEMENT ID (ID=1)
15h	78h			ELEMENT TYPE (BUTTON)
16h	80h	ELEMENT ID (ID=2)		
17h	04h			
18h	00h	BUTTON LINK 2		
19h	01h			
1Ah	80h			
2Bh	04h			
2Ch	00h			
2Dh	02h			
	:	:	:	
26h	80h	BUTTON LINK 5	ELEMENT TYPE (BUTTON)	
27h	04h		ELEMENT ID (ID=5)	
28h	00h			
29h	05h			
2Ah	80h			
2Bh	0Ah	ANIMATION LINK 1	ELEMENT TYPE (ANIMATION)	
2Ch	00h		ELEMENT ID (ID=6)	
2Dh	06h			
2Eh	80h	ICON LINK 1	ELEMENT TYPE (ICON)	
2Fh	0Ch		ELEMENT ID (ID=7)	
30h	00h			
31h	07h			
	:	:	:	
3Ah	80h	ICON LINK 4	ELEMENT TYPE (ICON)	
3Bh	0Ch			
3Ch	00h			
3Dh	0Ah		ELEMENT ID (ID=10)	

FIG. 6

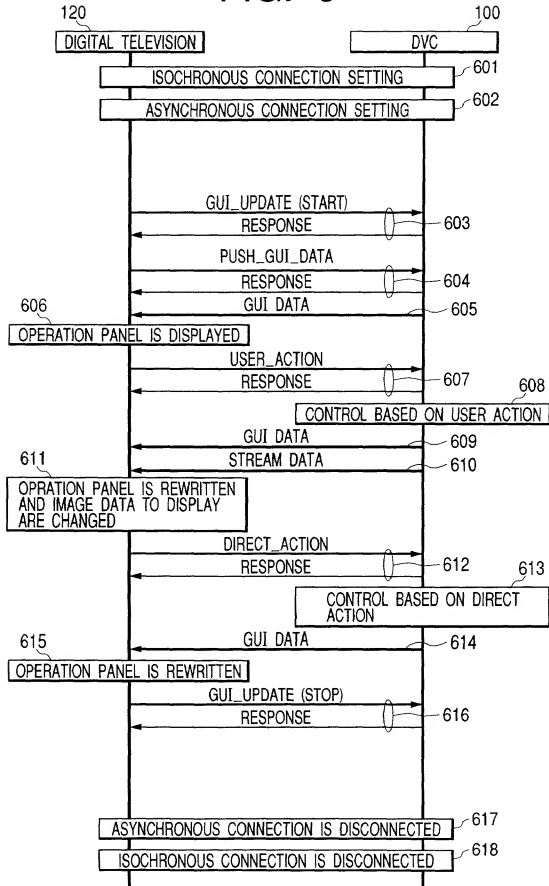


FIG. 7A

UNIT SPEC				
CTS	CTYPE	SUBUNIT_TYPE	SUBUNIT ID	
OPERAND (1)		OPERAND (2)		OPCODE
OPERAND (1)		OPERAND (2)		OPERAND (3)
OPERAND (1)		OPERAND (2)		OPERAND (4)

OPERAND (n)		"0" PADDING (IF NECESSARY)		

FIG. 7B

CTS	RESPONSE	SUBUNIT_TYPE	SUBUNIT ID	OPCODE	OPERAND (0)
OPERAND (1)		OPERAND (2)		OPERAND (3)	OPERAND (4)

OPERAND (n)		"0" PADDING (IF NECESSARY)			

FIG. 8A

OPCODE	GUI UPDATE
OPERAND [0]	SOURCE_PLUG
OPERAND [1]	:
OPERAND [2]	:
OPERAND [3]	SUB FUNCTION
OPERAND [4]	:

FIG. 8B

SUB FUNCTION VALUE	SUB FUNCTION
00h	OPEN
01h	CLOSE
02h	RESTORE
03h	START
04h	STOP
06h	CHANGE
OTHERS	(RESERVED)

FIG. 9A

OPCODE	PUSH GUI DATA
OPERAND [0]	SOURCE_PLUG
OPERAND [1]	:
OPERAND [2]	:
OPERAND [3]	:
OPERAND [4]	:
OPERAND [5]	INDICATOR
OPERAND [6]	ELEMENT_ID
OPERAND [7]	
OPERAND [8]	
OPERAND [9]	

FIG. 9B

msb	(RESERVED)	LEVEL	lsb
OPERAND [5]		LEVEL	WITH DATA

FIG. 9C

LEVEL	RANGE
00	ITSELF
01	ITSELF AND NEXT LEVEL
10	ALL LEVEL
11	(RESERVED)

FIG. 10

OPCODE	USER ACTION
OPERAND [0]	SOURCE_PLUG
OPERAND [1]	:
OPERAND [2]	:
OPERAND [3]	ELEMENT_ID
OPERAND [4]	
OPERAND [5]	
OPERAND [6]	
OPERAND [7]	ACTION_TYPE
OPERAND [8]	DATA
:	
:	

FIG. 11

OPCODE	DIRECT_ACTION
OPERAND [0]	ACTION_CODE
OPERAND [1]	ACTION_TYPE
OPERAND [2]	ACTION_DATA_LENGTH
OPERAND [3]	ACTION_SPECIFIED_DATA
OPERAND [4]	
OPERAND [5]	
:	

FIG. 12

ACTION CODE	USER OPERATION
00h	ENTER
01h	UP
02h	DOWN
03h	LEFT
04h	RIGHT
05h	MENU
06h	EPG
07h	CANCEL
:	:
20h	POWER
21h	VOLUME UP
22h	VOLUME DOWN
23h	MUTE
24h	PLAY
25h	STOP
26h	PAUSE
27h	RECORD
28h	REWIND
29h	FAST FORWARD
2Ah	EJECT
2Bh	FORWARD
2Ch	BACKWARD
:	:
:	:
FEh	VENDER UNIQUE
FFh	(RESERVED)

FIG. 13

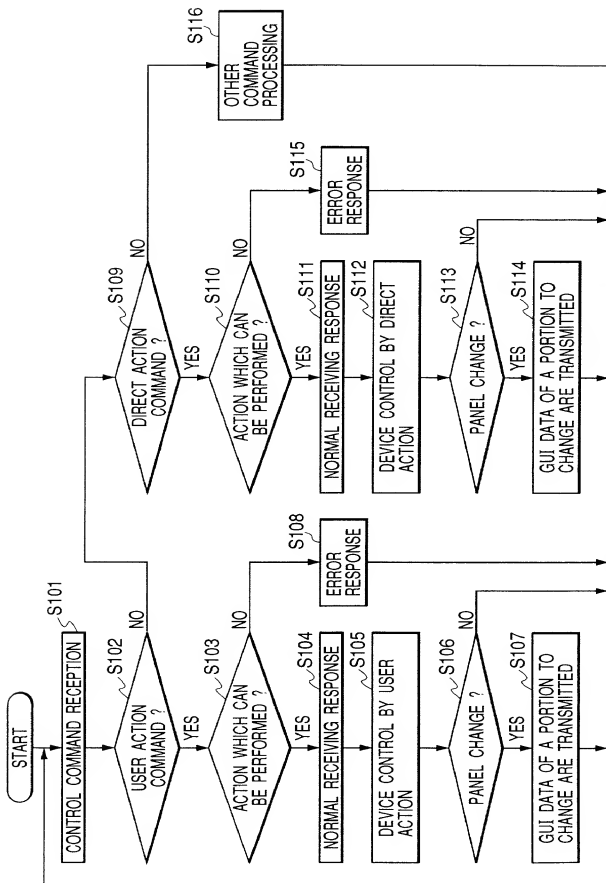


FIG. 14

